

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		Attorney Docket No. 0528-1134 U.S. Application No. 107518484
INTERNATIONAL APPLN. NO. PCT/FR03/01753	INTERNATIONAL FILING DATE June 11, 2003	PRIORITY DATE CLAIMED June 19, 2002
TITLE OF INVENTION: DEVICE AND SOFTWARE PACKAGE FOR EXTRACTING A GEOLOGICAL HORIZON AND RELATED PROPERTIES		
APPLICANT(S) FOR DO/EO/US: Jean-Claude DULAC, Fabien BOSQUET and Emmanuel LABRUNYE		
<p>Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)4) 10. <input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv).)) 11. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input type="checkbox"/> Copy of IDS citations. 13. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)). 14. <input type="checkbox"/> A preliminary amendment. 15. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76. 16. <input checked="" type="checkbox"/> Itemized Return Receipt Postcard 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b) <ol style="list-style-type: none"> a. <input type="checkbox"/> Newly executed Power of Attorney b. <input type="checkbox"/> A change of Power of Attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)). 22. <input checked="" type="checkbox"/> Other items or information: <u>Please note that the Declaration of Inventorship for purposes of the U.S.A. designation pursuant to rule 4.17 (iv) was filed in the International Phase, see the published application.</u> International Search Report (PCT/ISA/210), PCT/IB/306, Abstract of the Disclosure 		

U.S. APPLICATION NO. 107518484		INTERNATIONAL APPLN. NO. PCT/FR03/01753		ATTORNEY DOCKET NO. 0528-1134	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. <input checked="" type="checkbox"/> The following fees are submitted:					CALCULATIONS PTO USE ONLY
PCT FEES - NATIONAL STAGE					
Large Entity		Small Entity		Fee Description	
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1631	300.00	2631	150.00	Basic National Stage Fee \$150.00	
1632	500.00	2632	250.00	National Stage Search Fee \$250.00	
1633	200.00	2633	100.00	National Stage Examination Fee \$100.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)					\$0.00
SIZE FEE Plant size fee each additional 50 sheets in excess of 100 Fee Code 1681/2681		Additional Sheets - 100 = <u> </u> = <u> </u> X 50		Fee From Below <u>\$250.00</u>	\$0.00
CLAIMS Independent Claims Fee Codes 1614 / 2614		NUMBER FILED 0 - 3 =	NUMBER EXTRA 0	RATE x \$200.00	\$0.00
Total Claims Fee Codes 1615 / 2615		10 - 20 =	0	x \$50.00	\$0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616				+ \$360.00	\$0.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).Fee Code 1618					\$0.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021) \$40.00 per property					\$0.00
TOTAL FEES ENCLOSED = <u> </u> \$ 500.00					
					Amount to be refunded: \$
					Charged: \$
<input checked="" type="checkbox"/> A check in the amount of \$ 500.00 to cover the above fees is attached. <input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.					
SEND ALL CORRESPONDENCE TO: YOUNG & THOMPSON 745 South 23 rd Street Arlington, VA 22202 Telephone: (703) 521-2297 Facsimile: (703) 685-0573					
 SIGNATURE Eric Jensen, Reg. No. 37,855 NAME, REGISTRATION NUMBER					
Y&T Customer No. <u>00466</u> <u>EJ/ia</u> December 20, 2004 DATE					